

TOMO Field-Adjustable Linear Light



TOMO2



TOMO2-WM



TOMO4



TOMO4-WM



TOMO8



TOMO8-WM



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Available in following sizes / **selectable** wattages/Mounting options:
Ceiling Mount & JBOX:
TOMO2: 2FT - 24/18/12W (Factory default 18W)
TOMO4: 4FT - 48/36/24W (Factory default 36W)
TOMO8: 8FT - 96/72/48W (Factory default 72W)
Wall Mount:
TOMO2: 2FT - 12/9/6W (Factory default 12W)
TOMO4: 4FT - 24/18/12W (Factory default 24W)
TOMO8: 8FT - 48/36/24W (Factory default 48W)
- Selectable CCTs: **5000/4000/3500/3000K**
- End-to-end** connector available for continuous run mounting
- 5-Year, No-Compromise Warranty
- UL listed** for damp locations
- DLC** listed

Field-Adjustable Linear Light



PERFORMANCE

TOMO with Wall Mount Option:

TOMO2	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K
WATTAGE	12W				9W				6W			
INPUT WATTS	12.1W	11.9W	11.9W	12.1W	9W	8.9W	8.9W	9W	6.7W	6.7W	6.6W	6.7W
LUMENS	1,473	1,541	1,570	1,609	1,052	1,106	1,120	1,152	764	802	802	830
EFFICACY	121.7	129.5	131.9	133	116.9	124.3	125.8	128	114	119.7	121.5	123.9
CRI	82	84	84	82	82	84	84	82	82	84	84	82
VOLTAGE	120-277V											

TOMO4	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K
WATTAGE	24W				18W				12W			
INPUT WATTS	23.4W	23.1W	22.9W	23.4W	17.2W	17.1W	17W	17.2W	12.6W	12.5W	12.4W	12.6W
LUMENS	3,016	3,138	3,193	3,285	2,234	2,320	2,363	2,432	1,617	1,672	1,700	1,765
EFFICACY	128.9	135.8	139.4	140.4	129.9	135.7	139	141.4	128.3	133.8	137.1	140.1
CRI	82	84	84	82	82	84	84	82	83	84	84	82
VOLTAGE	120-277V											

TOMO8	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K
WATTAGE	48W				36W				24W			
INPUT WATTS	48.3W	47.8W	47.2W	48.2W	35.0W	34.5W	34.3W	34.8W	23.6W	23.4W	23.3W	23.5W
LUMENS	5,859	6,175	6,245	6,468	4,308	4,531	4,626	4,789	3,028	3,178	3,204	3,349
EFFICACY	121.3	129.2	132.3	134.2	123.1	131.3	134.0	137.6	128.3	135.8	137.5	142.5
CRI	83	84	84	82	82	84	84	83	83	84	84	82
VOLTAGE	120-277V											

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PERFORMANCE

TOMO with Suspended Mount / JBOX Mounting brackets:

TOMO4	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K
WATTAGE	24W				18W				12W			
INPUT WATTS	24.6W	24.2W	24.1W	24.6W	18.3W	18.1W	18.0W	18.1W	12.6W	12.5W	12.5W	23.4W
LUMENS	3,016	3,177	3,222	3,332	2,254	2,375	2,398	2,478	1,540	1,617	1,629	3,223
EFFICACY	122.6	131.3	133.7	135.4	123.2	131.2	133.2	135.4	122.2	129.4	130.3	137.7
CRI	81	84	84	81	81	84	84	81	82	84	84	82
VOLTAGE	120-277V											

TOMO8	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K	3000K	3500K	4000K	5000K
WATTAGE	48W				36W				24W			
INPUT WATTS	48.6W	47.9W	48.1W	48.6W	35.0W	34.5W	34.3W	34.8W	23.0W	23.2W	23.1W	23.4W
LUMENS	5,929	6,187	6,413	6,603	4,308	4,531	4,626	4,789	2,888	3,023	3,098	3,223
EFFICACY	122.0	129.2	133.3	135.9	123.1	131.3	134.0	137.6	125.6	130.3	134.1	137.7
CRI	82	84	84	82	82	84	84	83	82	84	84	82
VOLTAGE	120-277V											

TOMO8	5000K	4000K	3500K	3000K	5000K	4000K	3500K	3000K	5000K	4000K	3500K	3000K
WATTAGE	96W				72W				48W			
INPUT WATTS	94.2W	91.9W	92.3W	93.8W	69.5W	68.2W	68.4W	69.3W	46.9W	46.1W	46.3W	46.7W
LUMENS	12,028	11,813	11,283	10,988	9,407	8,939	8,850	8,362	6,217	6,126	5,811	5,736
EFFICACY	127.7	128.5	122.2	117.1	135.4	131.1	129.4	120.7	132.6	132.9	125.5	122.8
CRI	83	84	85	84	82	84	84	82	83	84	85	84
VOLTAGE	120-277V											

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for damp locations

DLC Listed

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

CATALOG#	DLC ID - Ceiling Mount & JBOX
TOMO2	S-241173
TOMO4	S-6KWZJ1
TOMO8	S-NOVM87

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Color Temperature

Field selectable 3000K/3500K/4000K (default)/5000K

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -20°C (-4°F)

Maximum Ambient Temperature

Suitable for use in up to 55°C (131°F)

Cold Weather Starting with Battery Backup (4ft & 8ft)

The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature with Battery Backup (4ft & 8ft)

Suitable for use in up to 50°C (122°F)

Mounting

Comes standard with two mounting accessories: aircraft cable for secure, suspended mounts and a stainless bracket for easy mounting to junction boxes. Wall mount option available.

Housing

Cold Rolled Carbon Steel (SPCC)

Lens

Diffused Polymethyl Methacrylate (PMMA)

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long lasting color

TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Drivers:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz
 12W: 120V: 0.10A, 208V: 0.06A, 240V: 0.05A, 277V: 0.05A
 18W: 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A
 24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A
 36W: 120V: 0.30A, 208V: 0.18A, 240V: 0.15A, 277V: 0.13A
 48W: 120V: 0.40A, 208V: 0.23A, 240V: 0.20A, 277V: 0.18A
 72W: 120V: 0.60A, 208V: 0.35A, 240V: 0.30A, 277V: 0.26A
 96W: 120V: 0.80A, 208V: 0.47A, 240V: 0.40A, 277V: 0.35A

Wall Mount:

6W: 120V: 0.06A, 208V: 0.05A, 240V: 0.04A, 277V: 0.03A
 9W: 120V: 0.08A, 208V: 0.07A, 240V: 0.05A, 277V: 0.04A
 12W: 120V: 0.10A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A
 18W: 120V: 0.14A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A
 24W: 120V: 0.20A, 208V: 0.13A, 240V: 0.10A, 277V: 0.09A
 36W: 120V: 0.30A, 208V: 0.18A, 240V: 0.15A, 277V: 0.13A
 48W: 120V: 0.40A, 208V: 0.24A, 240V: 0.20A, 277V: 0.18A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems.
 Requires separate 0-10V DC dimming circuit. Dims down to 5%.

Note: 0-10V DC dimming circuit is not required for Lightcloud and Lightcloud Blue versions.

Voltage:

120-277V

THD:

Ceiling Mount & JBOX

TOMO2-24W: 7.4% at 120V, 9.8% at 277V
 TOMO4-48W: 7.1% at 120V, 11.3% at 277V
 TOMO8-96W: 6.5% at 120V, 11.9% at 277V

Wall Mount:

TOMO2-12W: 8.5% at 120V, 10.1% at 277V
 TOMO4-24W: 9.25% at 120V, 17.1% at 277V
 TOMO8-48W: 8.32% at 120V, 10.3% at 277V

Power Factor:

Ceiling Mount & JBOX

TOMO2-24W: 99.6% at 120V, 98.9% at 277V
 TOMO4-48W: 99.6% at 120V, 98.9% at 277V
 TOMO8-96W: 99.7% at 120V, 98.7% at 277V

Wall Mount:

TOMO2-12W: 99.3% at 120V, 89.6% at 277V
 TOMO4-24W: 99.5% at 120V, 94.1% at 277V
 TOMO8-48W: 99.6% at 120V, 98.8% at 277V

Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power falls.
 Wired for 120-277V.

Surge Protection:

1kV to 2kV

Note: All values are typical (tolerance +/- 10%)

EMERGENCY LIGHT LOSS FACTOR

Ceiling Mount & JBOX:

TOMO4: **4FT**

24W: 0.73

36W: 0.48

48W: 0.38

TOMO8: **8FT**

48W: 0.36

72W: 0.24

96W: 0.19

Wall Mount:

TOMO4: **4FT**

12W: 1.43

18W: 0.97

24W: 0.73

TOMO8: **8FT**

24W: 0.73

36W: 0.48

48W: 0.38

OCCUPANCY SENSOR

Sensor Type: Passive Infrared (PIR) or Microwave (MVS)

Input Voltage: 12VDC

Operating Frequency: 50/60Hz

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: 50 ft. (PIR); 50 ft. (MVS)

Detection Range: PIR: 50 ft. diameter mounted at 50 ft. (/PIR & /LCBS);
 MVS: 50 ft. diameter mounted at 50 ft. (/LCBS/MVS).

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

Default Settings:

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 1 minute (20 minutes for LCB sensors)

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can be adjusted using the mobile app. All other sensors will require MSR1 Remote to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

Standby time: 0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

TOMO Field-Adjustable Linear Light



WIRELESS NETWORK LIGHTING CONTROLS

Lightcloud products offer integrated network lighting control for a truly wireless solution that allows you to manage RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and commercial applications. Each device can communicate with other devices in the mesh network. With two Lightcloud systems to choose from, it's easy to implement controls anywhere.

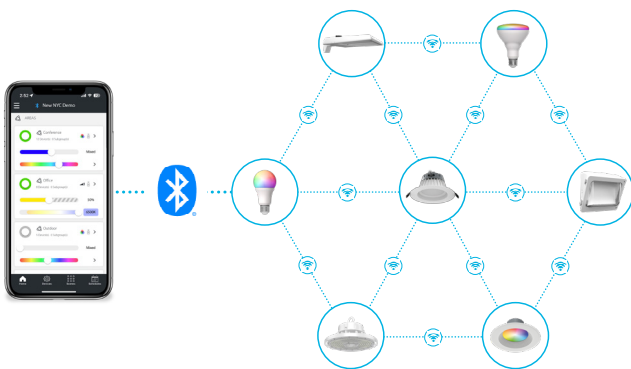


Learn more about Lightcloud wireless networked lighting controls.

Design Lights Consortium Network Lighting Controls:

- Interior Applications: N1XMLOEATB
- Exterior Applications: NHCZ2BIA17L

Lightcloud®



- Utilizes Bluetooth Mesh, eliminating the need for a Gateway or Hub
- Ideal for applications that need basic wireless control such as ON/OFF, dimming, color tuning, Schedules, and SmartShift
- Download the Lightcloud Blue mobile app for iOS or Android devices
- Add the XDIM/BRIDGE/LCB and LCGATEWAY to adopt premium Lightcloud Enterprise features

SIMPLE SETUP



Learn more about [Lightcloud Blue](#). Visit the [Lightcloud Blue Resources](#) page for more information on how to use the system.

Lightcloud®



- Utilizes a secure cellular and Zigbee mesh network that requires a Gateway or Hub (sold separately)
- Offers premium features like remote commissioning, demand response, BACnet integration, and more
- Download the Lightcloud Enterprise mobile app for iOS or Android devices

SIMPLE SETUP



Learn more about [Lightcloud Enterprise](#). Visit the [Lightcloud Enterprise Resources](#) page for more information on how to use the system.

TOMO Field-Adjustable Linear Light



TECHNICAL SPECIFICATIONS (CONTINUED)

OTHER

Buy American Act Compliance:

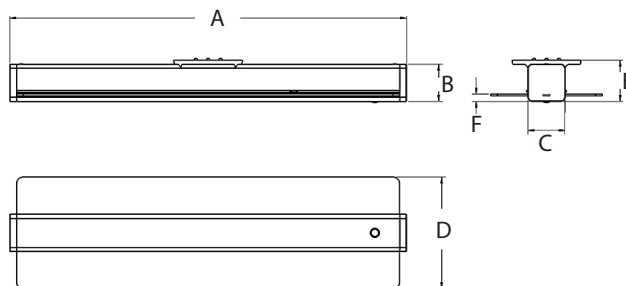
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the BUY American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

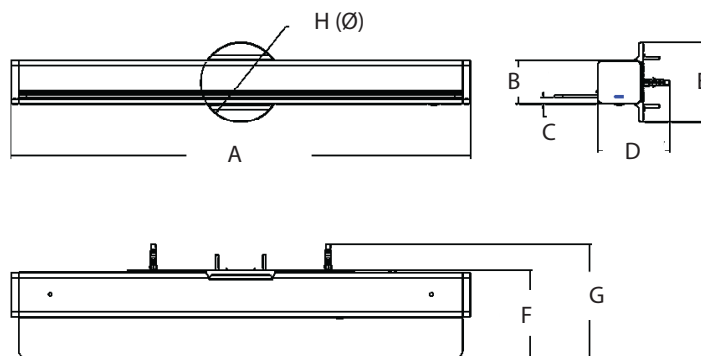
DIMENSIONS

TOMO



Model#	A	B	C	D	E	F	Weight Ceiling mount
TOMO-2	24"	2 1/4"	2 1/4"	6 3/4"	2 1/2"	1/2"	4.96 lbs
TOMO-4	48"	2 1/4"	2 1/4"	6 3/4"	2 1/2"	1/2"	8.99 lbs
TOMO-8	96"	2 1/4"	2 1/4"	6 3/4"	2 1/2"	1/2"	17.90 lbs

TOMO (Wall Mount)



Model#	A	B	C	D	E	F	G	H (Ø)	Weight Wall mount
TOMO-2WM	24"	2 1/4"	5/16"	3 3/4"	4 5/32"	4 5/8"	6"	4 5/32"	4.1 lbs
TOMO-4WM	48"	2 1/4"	5/16"	3 25/32"	4 5/32"	4 5/8"	6"	4 5/32"	8.2 lbs
TOMO-8WM	96"	2 1/4"	5/16"	3 3/4"	4 5/32"	4 5/8"	6"	4 5/32"	16.4 lbs

TOMO Field-Adjustable Linear Light



ACCESSORY

Image	SKU#	UPC	Description
	TOMO CONNECT	192552003261	FIXTURE-TO-FIXTURE CONNECTOR FOR TOMO 2FT/4FT/8FT
	TOMO-REMOTE	192552003629	PIR SENSOR REMOTE CONTROL FOR TOMO

ORDERING MATRIX

TOMO

Family	Length/Wattage	Color Temp	Finish	Voltage	Control	Battery Backup
TOMO	-					
	2 2 FT (24/18/12W) 4 4 FT (48/36/24W) 8 8 FT (96/72/48W)	BLANK 3000/3500/4000/5000K	BLANK White	BLANK 120-277V, 0-10V Dimming	BLANK /PIR /LC /LCB /LCS /LCBS /LCBS/MVS	No Option Passive Infrared Sensor Lightcloud Lightcloud Blue Lightcloud Sensor Lightcloud Blue w/PIR Sensor Lightcloud Blue w/MVS Sensor
						BLANK No Option /E Battery Backup*

* Available only for 4" and 8"

Family	Length/Wattage	Color Temp	Finish	Mounting	Driver	Control	Battery Backup
TOMO	-			WM			
	2 2 FT (12/9/6W) 4 4 FT (24/18/12W) 8 8 FT (48/36/24W)	BLANK 3000/3500/4000/5000K	BLANK White	WM Wall Mount	BLANK 120-277V, 0-10V Dimming	BLANK /PIR /LC /LCB /LCS /LCBS /LCBS/MVS	No Option Passive Infrared Sensor Lightcloud Lightcloud Blue Lightcloud Sensor Lightcloud Blue w/PIR Sensor Lightcloud Blue w/MVS Sensor
							BLANK No Option /E Battery Backup*

* Available only for 4" and 8"